

ACC NR: AP7012445

Less than 0.1% alkali metal remains in the extract. The concentrate is then analyzed spectrographically. The proposed method has a sensitivity of $1 \cdot 10^{-5}$ - $1 \cdot 10^{-7}$. The coefficient of variation is 20-40% for the various elements. Orig. art. has: 3 tables. JPRS: 40,422

2/2

YUDELEVICH, L.

Therapeutic and prophylactic diet for workers and employees.
Sots. trud 6 no.5:47-52 My '61. (MIRA 14:6)
(Industrial hygiene--Law and legislation)
(Nutrition)

YUDRELEVICH. P.L.

The 6S14,5 two-way face-grinding machine. Biul.tekh.-ekon.inform.
no.10:40-42 '61. (MIRA 14:10)
(Grinding machines)

YUDELOVICH, B.Yu.; RUBINSHTEYN, G.V.

Economical designs of precast reinforced concrete trestles
for tubing. Prom. stroi. 41 no.4:31-34 Ap '64. (MIRA 17:9)

YUDELovich, I.S.

USSR/Zooparasitology. Parasitic Protozoa.

G

Abs Jour: Ref Zhur-Biol., No 17, 1958, 76914.

Author : Yudelovich, I.S.; Polikarpova, L.I.

Inst :

Title : Materials on Combatting Malaria in the Latvian SSR.

Orig Pub: Med. parazitol. i parazitarn. bolezni, 1957, 26, No 6, 688-691.

Abstract: In relation to the planned antimalarial measures, malarial morbidity in the republic decreased 12 times in 1950 in comparison with 1948 (in 1948, the number of patients registered comprised 5001; of new local cases - 2103), in 1956, only 1 case of new local malaria was registered.

Card : 1/1 *Parasitology Dept.*

Republic Sanitary-Epidemiological Station
Min Health Latvian SSR

ZUDELOVICH, I.S.; POLIKARPOVA, L.I.

Epidemiology of tick-borne encephalitis in the Latvian S.S.R.
Med.paraz.i paraz.bol. no.3:301-304 '61. (MIRA 14:9)

1. Iz Respublikanskoy sanitarno-epidemiologicheskoy stantsii
Latviyskoy SSR (glavnnyy vrach A.A. Kornya).
(LATVIA—ENCEPHALITIS)

SOV/24-58-4-9/39

AUTHORS: Volkova, L.P. and Yudelovich, M.Ya.

TITLE: Shock Losses in Step-shaped Pipes at Supersonic Pressure Ratios (Poteri na udar v stupenchatykh trubakh pri sverkhzvukovykh otnosheniakh davleniya)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh Nauk, 1958, Nr 4, pp 67 - 72 (USSR)

ABSTRACT: By a suitable schematisation of the flow picture an analytic relation for the calculation of the loss of the total pressure is obtained. In the first part of the article, the appropriate expressions for determining the loss of total pressure are derived. The experimental apparatus is then described and the results analysed. These are stated to be in good agreement with theoretical results. There are 11 figures.

SUBMITTED: January 7, 1958

Card 1/1

BONDAREV, Ye.N. (Moskva); YUDEROVICH, M.Ya. (Moskva)

Increasing bottom pressure beyond the wedge in flights at hypersonic speed. Izv. AN SSSR, Otd.tekh.nauk.Mekh.i mashinostr. no.5:186 S-0 '60. (MIRA 13:9)

(Aerodynamics, Hypersonic)

KERSHENBAUM, Yakov Markovich, prof., doktor tekhn. nauk; YUDOLOVICH,
Mark Yakovlevich, inzh.; DANIYELYAN, A.A., kand. tekhn.nauk,
zaasl. inzh. Azerbaydzhanskoy SSR, retsentent; SOIGANIK, G.Ya.,
ved. red.; POLOSINA, A.S., tekhn. red.

[Repair and assembly of oil-field equipment] Remont i montazh
neftepromyslovogo oborudovaniia. Moskva, Gos.nauchno-tekhn.
izd-vo neft.i gorno-toplivnoi lit-ry, 1962. 395 p.

(MIRA 15:1)

(Oil fields--Equipment and supplies)

YUDELOVICH, P.

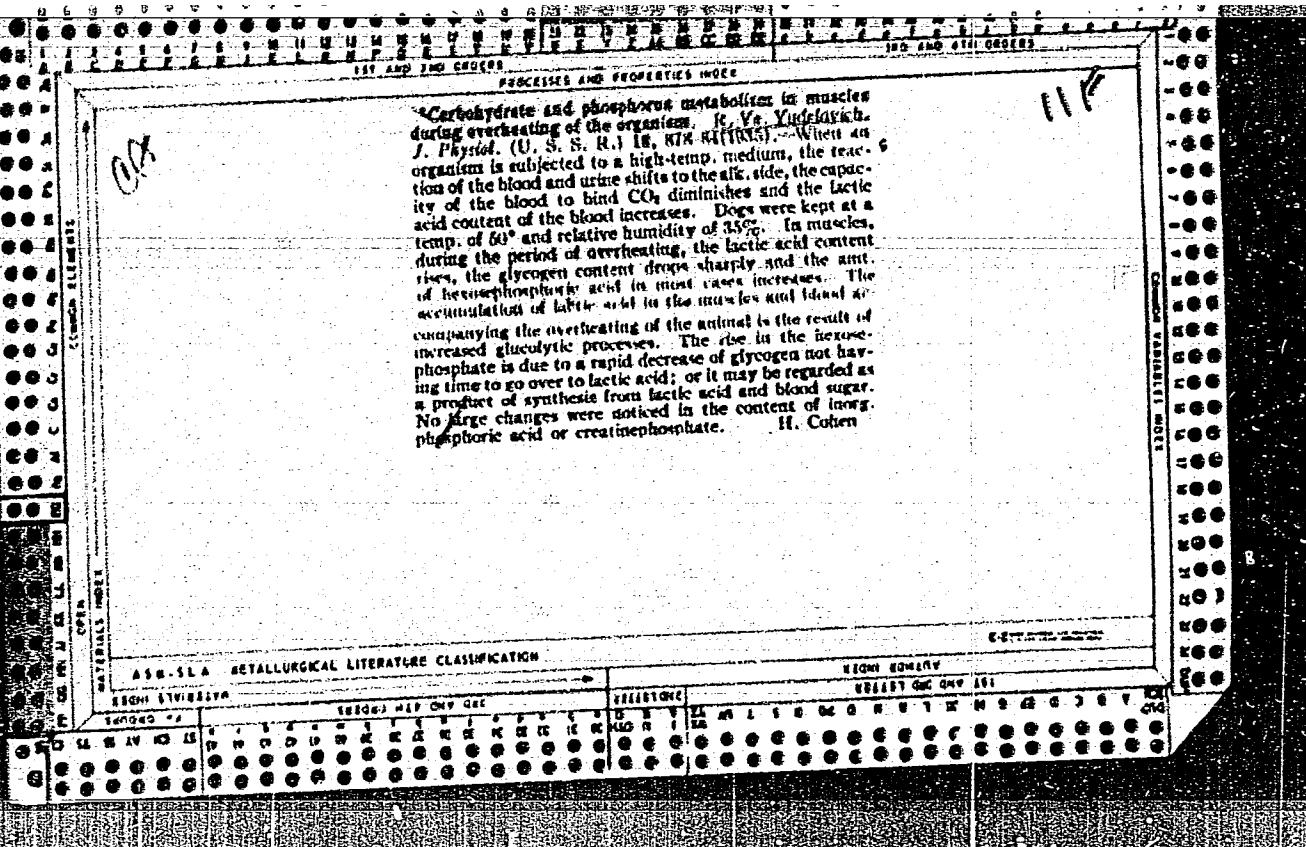
USSR

Tarasevich Central State Sci. Control
Inst., (-1944-)

"On employment of nicotinic acid in producing
of the dysenteric vaccines."

Zhur. Mikrobiol., Epidemiol., i Immunobiol.,
No. 12, 1944

Oct. 22, 1951



CA

1/F

The carbohydrate and phosphorus metabolism in the muscles of the overheated animal. II. R. Ya. Vitevich and A. M. Ulinov. *Arch. of Med. (U.S.S.R.)* 39, 659-65 (in English (63)) (1935); cf. *C. A.* 30, 21119. Dogs, under deep anesthesia, with the spinal cord cut between the 7th cervical and 1st dorsal in one series, and at the 1st cervical in another, were overheated to 41° body temp. Lactic acid was detd. in the blood, and lactic acid, total iron, P, creatine phosphate, and pyrophosphate were detd. in muscle. It is concluded that in overheating, with the exclusion of work and of the activity of the central nervous system, the glucolytic process is inhibited and the concn. of pyrophosphate decreases in comparison with animals under same conditions but with normal temp. W. A. Pfeilweig.

REF ID: A6414

AIA-5A METALLURGICAL LITERATURE CLASSIFICATION

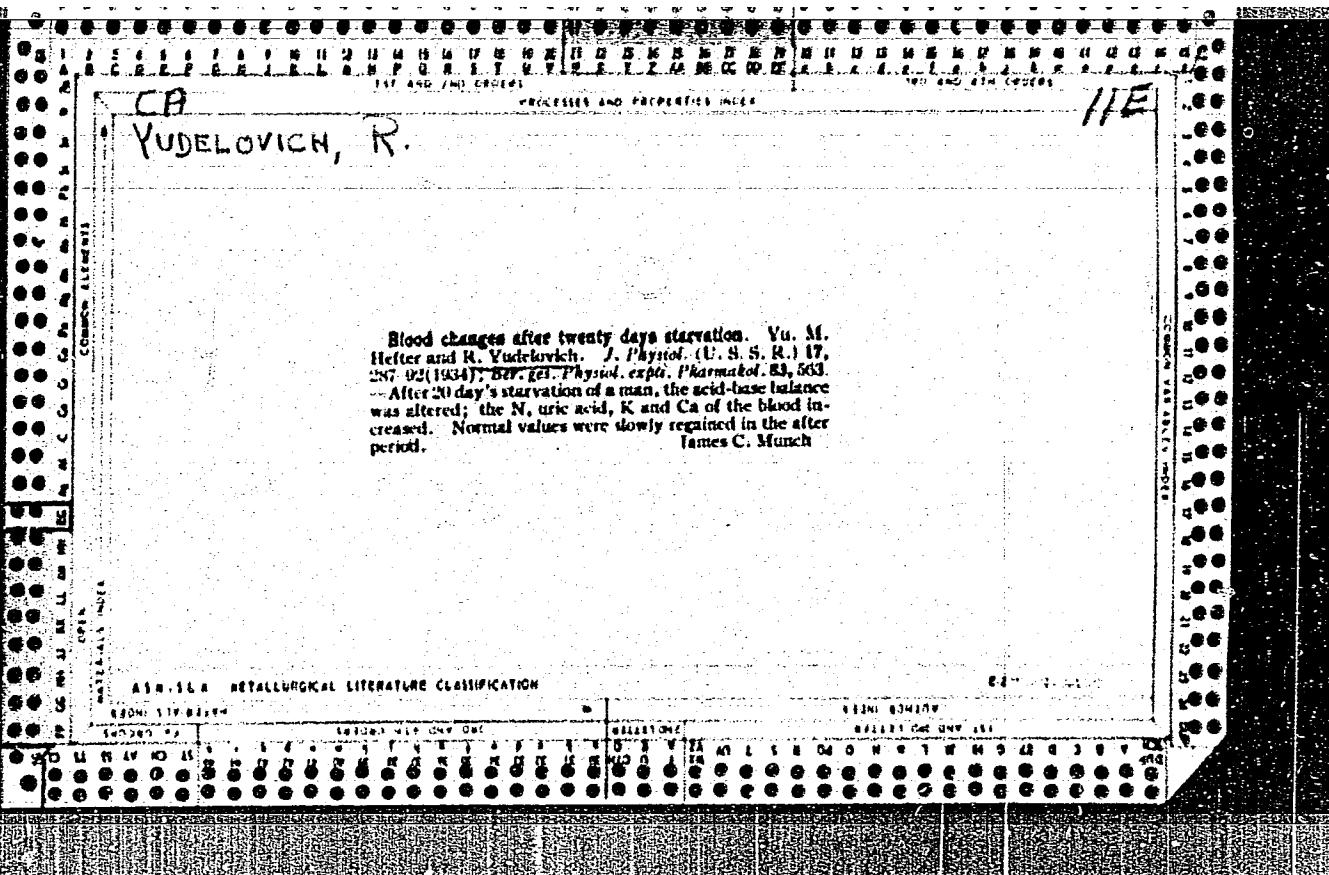
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SECTION

CROSS-REFS

42-1111000-151



The effect of carnosine on the glycolysis of muscle tissue. R. Ya. Vudekivich. Biokhimiya 2, 765-13 (1957). The anaerobic glycolysis of muscle tissue, with and without carnosine, was studied in rat diaphragms. With carnosine present, about 20-30% less lactic acid was produced. The decrease in reducing substances was greater in those cases where no carnosine was added. A decrease in lactic acid formation when carnosine was present was also observed in minced muscle of rats, but no change when rabbit brain cortex was used as a glycolyzing system. The rate of pyruvate conversion to lactate is greater in the presence of carnosine.

Chair of Biological Chemistry. III Moscow medical inst.

AMERICAN METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R001963030008-1"

ca

Fate of β -alanine in kidney tissue. S. E. Serer and R. Ya. Yudelovich. *Biochimka* 9, 709 (1946); cf. *C. A.* 37, 8013. Arsenous acid, malonic acid and ethyl α , which have no effect on the deamination of α -alanine, completely prevent the formation of NH₂ from β -alanine by minced kidney tissue. During the first several hrs. of incubation, all of the β -alanine has disappeared, although no extra NH₂ or amino groups have been formed. Since OH takes part in the transformation, it is considered that the β -alanine is oxidized to a substance which evolves NH₂. H. M. Estley

CHAIR OF BIOCHEMISTRY, FIRST MOSCOW MEDICAL INST.

APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R001963030008-1"

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Synthesis and properties of phosphorylated α -alanine, β -histidine, and α -asparagine. S. B. Severtsov and K. V. Yudkevich (Moscow Med. Inst.), Biokhimiia 12, 1035-114 (1947).—By the action of POCl_3 and alkali, as described for phosphorylascosine (C.A. 41, 48212), the monophospho derivs. of the following amino acids were prepared: β -alanine, β -histidine, and α -alanine. In β -histidine, the phospho group is attached to the N of the imidazole ring, since the chloro reaction is much weakened. All 3 phosphorylated compds. were decomposed to the extent of 45% on standing for 10 min. in $N \text{ HCl}$ soln. The enzymic hydrolysis was rapid and complete when the phosphorylated β -alanine and β -histidine were treated with aq. exts. of muscle, liver, and kidney tissues. Only up to 10% of the phosphorylated α -alanine was thus enzymically split. 11. Pitteley

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APPROVED FOR RELEASE: 09/17/2001 CIA-RDP86-00513R001963030008-1

YUDELOVICH R. YA

4397. Yudelevich R. Ya. Moscow med. Inst. The mechanism of action of gramicidin S on oxidative phosphorylation Doklady Akad. Nauk S.S.R. 1950, 74 (111-114)

Liver preparations derived from guinea-pig, rabbit, and pigeon sources, incubated in presence of 0.1M-NaF, glycogen, gramicidin, and phosphate buffer (pH 7.4-7.5) with O or N saturated in the system at 28° yield results indicating a decrease of loss of inorg. P in presence of gramicidin in aerobic conditions, but no effect in anaerobic state. Hence gramicidin does not affect liver phosphorylase but severely restricts the process of oxidative phosphorylation in a specific manner, since several amino acids (histidine, β -alanine, methionine, carnosine) gave negative results under similar conditions. Formation of hexose diphosphate is hindered by 40-50 %, indicating that the drug inhibits synthesis of adenosinetriphosphate in aerobic state. Gramidicin does not effect the rate of cleavage of hexose diphosphate by aldolase.

G.N.R. (Chemical Abstract)

50. Excerpta Medica Section II Volume 4 Number 8

CA

The mechanism of action of gramicidin S on oxidative phosphorylation. R. Ya. Yudelovich (Moscow Med. Inst.) *Doklady Akad. Nauk S.S.R.* 74, 111-14 (1950).—Liver preps. derived from guinea pig, rabbit, and pigeon sources, incubated in presence of 0.1 M NaF, glycogen, gramicidin, and phosphate buffer (pH 7.4-7.6) with 0 or N attd. in the system at 23° yield results indicating a decrease of loss of inorg. P in presence of gramicidin in aerobic conditions, but no effect in anaerobic state. Hence gramicidin does not affect liver phosphorylase but severely restricts the process of oxidative phosphorylation in a specific manner, since several amino acids (threonine, β -alanine, methionine, carnosine) gave neg. results under similar conditions. Formation of hexose diphosphate is hindered by 40-50%, indicating that the drug inhibits synthesis of adenosinetriphosphate in aerobic state. Gramicidin does not affect the rate of cleavage of hexose diphosphate by aldolase. G. M. K.

BOBROV, V.P.; BRAGIN, Yu.N. [Brahin, IU.N.]; BUTSYK, Yu.V.; LEVENSSTEYN, M.L.;
SOKOLOV, V.A.; YUDEL'SON, A.A.

Find of potassium salt in the Donets Basin. Geol. zhur. 24
no.4:107-108 '64. (MIRA 18:2)

1. Trest "Artemgeologiya".

PARASHCHUK, Valentin Leonidovich; YUDEL'SON, Nikolay Abramovich;
ANDROSOV, A.A., kand.tekhn.nauk, retsenzent; KORABLEVA, R.M.,
inzh., red.; SOKOLOVA, T.F., tekhn.red.

[Building and road machinery] Stroitel'nye i dorozhnye
mashiny. Moskva, Gos.nauchno-tekhn.izd-vo mashinostr.lit-ry,
1959. 376 p. (MIRA 12:10)
(Building machinery) (Road machinery)

BRASLAVSKIY, A.N.; PEREPELKINA, M.D.; SEDINA, Ye.M.; YUDEL'ZON, Kh.M.
NIKIFOROVA, L.G.; ZAYONCHKOVSKIY, A.D.

Leather substitutes in the building of small craft. Sudostroenie 30
Sudostroenie 30 no.8;29-30 Ag '64. (MIRA 18:7)

YUDEN, G. G.

YUDEN, G. G. "Sinus discharge of the auricles and its role in their systole,"
Trudy Smol. gos. med. in-ta, Vol. II, 1948, p. 35-39.

SO: U-4393, 19 August 53, (Letopis 'Zhurnal 'nykh Statey', No. 22, 1949).

MAKAROCHKIN, B.A., kand.geol.-mineral.nauk; YUDENICH, D.M.

Microelements of honey. Priroda 51 no.4:67 Ap '62.

1. Il'menskiy zapovednik (for Yudench).
(Honey) (Trace elements) (MIRA 15:4)

YUDENICH, G. I.

(Deceased)

Surface Finishes

See ILC

TUDENICH, G.V.

Conduct of labor in older primaparae. Vop. okh. mat. i det. 3 no.6:
60-63 N-D '58 (MIRA 11:12)

1. Iz akushersko-ginekologicheskoy kliniki Smolenskogo meditsinskogo
instituta (zav. kafedry - prof. S.M. Kleyn).
(LABOR (OBSTETRICS))

YUDENICH, G.V.

Evaluation of the effectiveness of treatment for a threatening premature
abortion. Trudy SMI 16:201-205 '63. (MIRA 18:1)

1. Iz kafedry akusherstva i ginekologii (zav. - dotsent K.K.Komeshko)
Smolenskogo gosudarstvennogo meditsinskogo instituta.

CA
YUDENICH, N.A.

The absolute refractory period of the nerve acted upon by cyanide and arsenite. N. A. Yerushkin. *Zhur. eriol. Biol. Med.* 12, 379-6 (1929).—Under the influence of 0.01 mol NaCN or KCN the abs. refractory period is increased 2-4 times and the cond. of the nerve then disappears. The refractory period of a nerve treated with 4-1% NaAsO₂ diminishes 20-25% during the first 4-5 hrs. of the action of the salt; subsequently it may show a slight prolongation. The inhibiting effect of the anode with the abs. refractory phase and the increased stimulating effect of the cathode are thought to be assoc. with a weakening of the oxidation processes. S. Morozov

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- 1 -

GENERAL LITERATURE CLASSIFICATION

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~~YUDENICH, N. A.~~

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SENATE, Massachusetts

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YUDENICH, N. A.

C A

RESEARCH AND PRACTICAL INDEX
Action of physostigmine on the fatigued skeletal muscle.
N. A. Yudenich (Med. Inst., Smolensk). Russ. J. Physiol. Med. Sci., No. 4, 44, 3 (1936). The expts. were carried out on a muscle-nerve prep. of the frog. When the skeletal muscle becomes fatigued through rhythmical stimulation of the nerve, there is an increased liberation of acetylcholine by the nerve endings, as a result of which fatigue develops. Physostigmine, which protects the acetylcholine by interfering with cholinesterase activity, reduces muscular fatigue. In the course of the expts. fatigue is increased several times by stimulation and decreased again each time by physostigmine. However, the effectiveness of physostigmine gradually decreases.
H. A. Wegner

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ASW-SEA-BIOLOGICAL LITERATURE CLASSIFICATION

YUDENICH, N. A.

YUDENICH, N. A. "On the role of physical and chemical factors in the conduction of an impulse from a nerve to a skeletal muscle," Trudy Smol. gos. med. in-ta, Vol. II, 1948, p. 21-26.

SO: U-4393, 19 August 53, (Letopis 'Zhurnal 'nykh Statey', No. 22, 1949).

YUDENICH, H.A.

Nature of transmission of impulses from nerve to skeletal muscle.
Tr. Vsesoiuz. obsh. fisiol. no. 1:102 1952. (CIML 24:1)

1. Delivered 28 January 1949, Smolensk.

YUDENICK, N.A.

Physiology of the nerve endings in skeletal muscle; effect of curari
on the nerve endings in skeletal muscle. Nauk. zap. Kiev. un. 8 no. 7:
259-272 '50 [i.e. '49]. (KRA 9:10)
(NERVES) (MUSCLES) (CURARI)

YUDENICH, N.A.

Nature of transmission of impulses from nerve to skeletal muscle.
Tr. Vsesozius, obsh. fisiol. no. 1:103-104 1952. (CML 24:1)

1. Delivered 28 January 1949, Smolensk.

USSR/Human and Animal Physiology (Normal and Pathological).
Nerve-Muscular Physiology.

T-9

Abs Jour : Ref Zhur - Biol., No 16, 1958, 75079

Author : Yudenich, N.A.

Inst :

Title : On the Nature of the Production of Excitation from the
Nerve to the Skeletal Muscle.

Orig Pub : V sb.: Probl. sovrem. fiziol. nervn. i myshechn. sistem.
Tbilisi, AN GruzSSR, 1956, 491-497.

Abstract : Under the effect of atropine in a concentration of 1:5000
on the nerve-muscular preparation of a frog (sciatic nerve-
(gastrocnemius muscle), muscular contractions, caused by
acetylcholin (I), sufficiently rapidly decreased and quickly
disappeared. However, in this time the muscle was not
blocked to the effect of the nerve pulses (NP). Under the
influence of curare in a concentration 1:100,000 in 10-15
minutes after the start of the alteration the transmission

Card 1/3

- 86 -

USSR/Human and Animal Physiology (Normal and Pathological).
Nerve-Muscular Physiology.

T-9

Abs Jour : Ref Zhur - Biol., No 16, 1958, 75079

of the NP from the nerve to the muscle was completely blocked, in this time the contraction of the muscle from I decreased somewhat. The Ringer solution without KCl with an increase up to 0.05% with the content of CaCl_2 decreased the sensitivity of the muscle toward I, and then completely depressed it; however, the muscle, being found in the condition of refractivity toward I, reacted to the NP. Under the influence of KCl (Ringer solution without CaCl_2 with an increase of the content of KCl up to 0.04%) after a full block of the NP, caused by stimulation of the nerve, the effect of I caused a contraction, by which the reaction of the muscle was expressed no stronger than before the effect of KCl. Consequently, the muscle fibers, having lost the ability to react to the NP under the influence of these or other effects, simultaneously could preserve sensitivity toward the effect of I.

Card 2/3

YUDENICH, N.A.

Identity of the effects of nervous excitation and acetylcholine
on skeletal muscles. Nauk zap. Kyiv. un. 16 no.17:231-236 '57.
(MIRA 13:2)

(ACETYLCHOLINE) (NERVES) (MUSCLE)

YUDENICH, N.A. (deceased)

Nature of pessimum. Nerv. sist. (Leningrad) 2 no.3:57-61. '62.

(MIRA 17:7)

1. Kafedra normal'noy fiziologii Smolenskogo meditsinskogo instituta.

GUSHCHENKO, Ivan Somenovich; PESKOVA, L.N., red.; YUDENICH, N.V., red.;
KHITROV, P.A., tekhn.red.

[Management of railroad buildings and structures; organization,
planning, economic activity] - Khoziaistvo zdani i sooruzhenii
zheleznykh dorog; organizatsiya, planirovanie, khoziaistvennaya
deiatel'nost'. Moskva, Gos.transp.zhel.-dor.izd-vo, 1959. 183 p.
(MIRA 12:3)

(Railroads--Buildings and structures)

YUDENICH, N. V.

N/5
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Sbornik Zadach Po Teoreticheskoy I Torgovoy Statistike (Collection
of Problems on Theoretical Trade Statistics, by) N. V. Yudenich, D. I.
Anisimov, I. V. D. Gavrilin. Moskva, Gostorgizdat, 1956.

130 P. Tables.

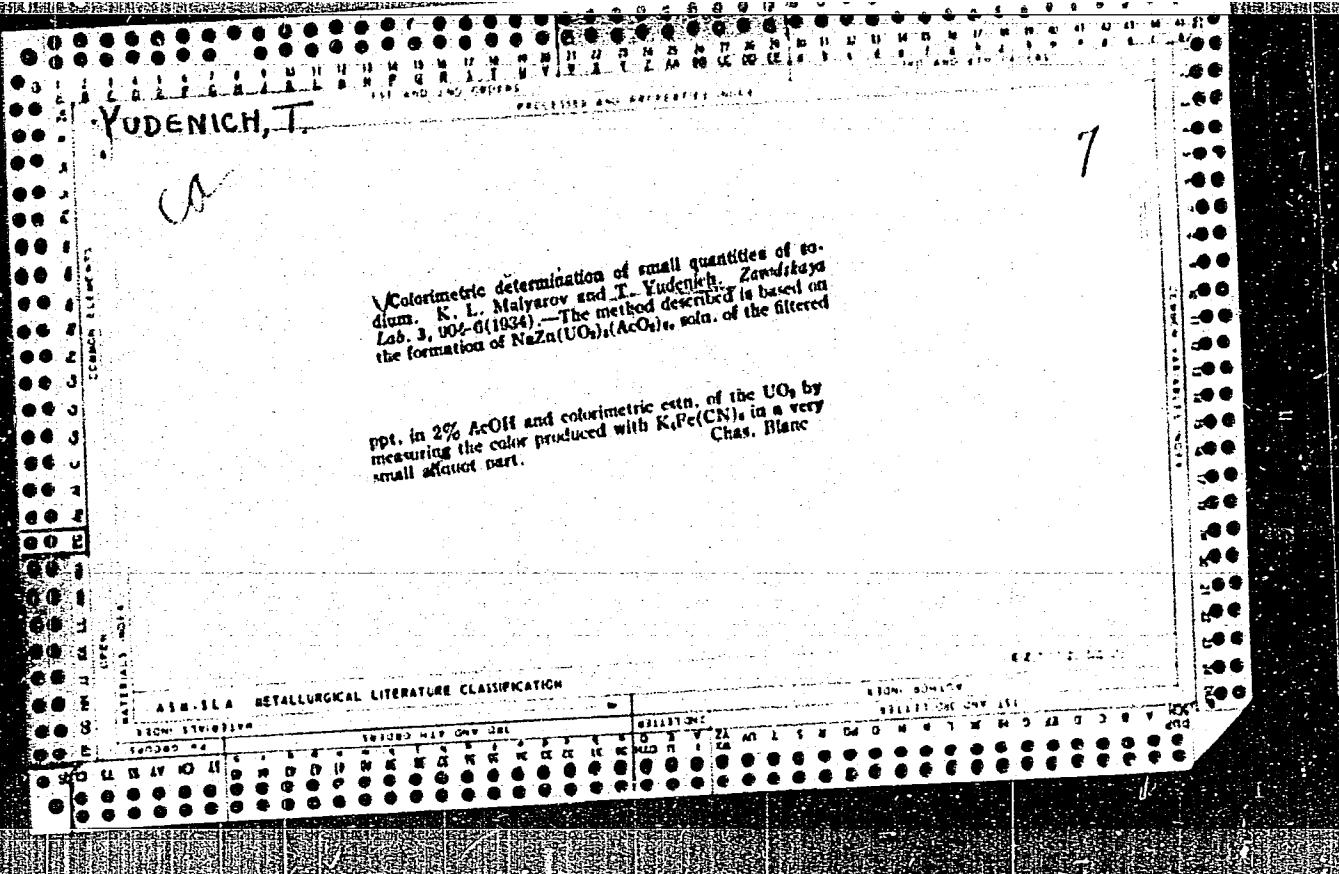
MEA

YUDENICH, N.V., kand. ekonom. nauk; ANISIMOV, D.I., starshiy prepodavatel'; KIRAKOZOVA, N.Sh., red.; EL'KINA, E.M., tekhn. red.

[Collection of problems on commercial statistics] *Stbornik zadach po torgovoi statistike*, Izd.2. Moscow, Gostorgizdat, 1962. 117 p.
(MIRA 15:6)
(Commercial statistics--Problems, exercises, etc.)

YUDENICH, Nikolay Vasil'yevich; PROFERANOV, D.P., nauchnyy red.;
MORSKOY, K.L., red. izd-va; SHERSTNEVA, N.V., tekhn. red.

[introduce business accounting in construction brigades]
Stroitel'nye brigady - na khosraschet. Moskva, Gosstroizdat,
1962. 15 p. (MIRA 16:1)
(Construction industry--Finance)



YUDENICH, V. A.

PETRYAYEVA, A. T., KOLOTKOV, V. G., and YUDENICH, V. A. "The inhalation method of tuberculosis prophylaxis with the BTsZh vaccine", (Report 1), Trudy Smol. gos. med. in-ta, Vol. II, 1948, p. 40-46.

SO: U-4393, 19 August 53, (Letopis 'Zhurnal 'nykh Statey', No. 22, 1949).

YUDENICH, V. A.

YUDENICH, V. A. and KLYUCHAREVA, N. V. "The activity of gramicidin C on the microbe factor in treating pyoderma", (Index, second author: I. V. Klyuchareva), Trudy Smol. gos. med. in-ta, Vol. III, 1948, p. 47-53.

SO: U-4393, 19 August 53, (Letopis 'Zhurnal 'nykh Statey', No. 22, 1949).

YUDENICH, V. A.

36418. Ingalyatsionnyy metod profilaktiki tuberkuleza vektsinoy ECG-Verl: 3-iy avt:
A. V. (!) Yudenich . Voprosy pediatrii i okhrany materinstva i detstva, 1949, vyp.
5, s. 34-43.- Bibliog: 37 nazv.

YUDENICH, V. A., PETRYAYEVA, A. T., MOLOTKOV, V. G.

SO: Letopis' Zhurnal'nykh Statey, No. 49, 1949

YUDENICH, V. A.

PETRIAEVA, A. T., MOLOTKOV, V. G., YUDENICH, V. A.

Modifications of the myocardium in experimental tuberculosis.
Pediatrka, Moscow No. 4, July-Aug. 50, p. 40-9

1. Of the Department of Children's Diseases and Pathological
Anatomy, Smolensk Medical Institute (Director—V. A. Batanov) and
of the Institute of Microbiology (Director—S. G. Khanin), Smolensk.

GLL 19, 5, Nov., 1950

YUDENICH, V. A.

"Opsono-Phagocytic Reaction after Cutaneous Inoculation with Tularemia Vaccine"

Trudy Smolenskogo Meditsinskogo Instituta, Smolensk, Vol 4, 1952, pp82-90.

W-27086

YUDENICH, V. A.

"Immunology and Anti-Epidemic Effectiveness of Egg Yolk Tularemia Vaccine,"
from the monograph Effect of Vaccination Against Tularemia, 1953
p. 98

Translation D 568409

DOSSER, Ye.M.; KHANIN, S.G., kandidat meditsinskikh nauk, direktor; YUDENICH, V.A., dotsnet, nauchnyy rukovoditel'.

Type-specificity of immunity in Flexner's dysentery. Zhur.mikrobiol.epid.i
immin. no.7:74-76 Jl '53. (MLRA 6:9)

1. Smolenskiy institut epidemiologii i mikrobiologii.

(Dysentery)

YUDEMICH, Vasiliy Aleksandrovich

(Smolensk State Medical Inst) Academic degree of Doctor of Medical Sciences, based on his defense, 29 October 1954, in the Council of the Minsk State Medical Inst, of his dissertation entitled: "Vaccinal prophylaxis of tularemia" and academic title of professor. Chair: "Microbiology."

Academic degree and/or title: Doctor of Sciences and Professor

SO: Decisions of VAK, List no. 21, 22 Oct 55, Byulleten' MVO SSSR, No. 19, Oct 56, Moscow, pp. 13-24, Uncl. JFRS/NY-536

YUDENICH, V.A.

Revaccination against tularemia. Zhur.mikrobiol.epid.i imun.
no.2:31-36 F '54. (MLRA 7:3)

1. Iz kafedry mikrobiologii (zaveduyushchiy - dotsent V.A.Yudenich) Smolenskogo meditsinskogo instituta (direktor - dotsent G.M.Strikov). (Tularemia)

YUDENICH V.A.

EL'BERG, B.Ya.; YUDENICH, V.A.; KIRVEL', M.N.; PRUDNIKOVA, M.N.; KHANIN, G.S.;
MATSKEVICH, A.L.

comparative effectiveness of nasal and cutaneous vaccination against
tularemia in experimental conditions. Zhur.mikrobiol.epid.i immun.
no.8:71-72 Ag '54. (MLRA 7:9)

1. Iz kafedry mikrobiologii (zav. prof. B.Ya.El'bert) Minskogo medi-
tsinskogo instituta.

(VACCINES AND VACCINATION.

*tularemia, cutaneous & nasal admin. in animals, comparison)

(TULAREMIA, prevention and control,

vacc., cutaneous & nasal admin. in animals, comparison)

EXCERPTA MEDICA Sec 4 Vol. 10/9 Microbiology Sept 57

2122. YUDENICH V. A. Dept. of Microbiol.; Med. Inst., Smolensk, USSR. "Distribution of the tularaemia organism in the body of the immune and the non-immune animal (Russian text) Z. MI-KROBIOL. 1956, No. 5 (14-20) Tables 3.

In the first series of experiments guinea-pigs were infected with a virulent and with a weakly-virulent culture of Bact. tularensis (10,000 organisms per animal) and also with an attenuated (vaccine) strain of this organism (one thousand million organisms per animal). In a second series of experiments immunized guinea-pigs were infected with the same virulent and weakly-virulent strains. In both series of experiments 90 animals were infected subcutaneously. By means of the biological test on mice and by culture on nutrient media, the author showed that the invasiveness and the path of distribution of B. tularensis in the infected body do not depend upon the virulence of the culture. In all cases the injected micro-organism found its way into the blood via the lymphatic glands and, after a short bacteraemia, settled in the internal organs, forming foci of infection there. From these, the organism again made its way into the blood, producing a septicaemia - a generalization of the disease process. However, in contradistinction to the virulent strain, the weakly-virulent strain did not cause serious disease or death of the animals. The vaccine strain also caused no macroscopic changes whatsoever in the internal organs. In the bodies of immunized guinea-pigs, B. tularensis was not subjected to bacteriocidal activity (it could be isolated during a period of 100 days), though pathological signs were practically absent. The weakly virulent culture was similarly distributed in the body of the immune animal, although the process of distribution was considerably delayed and seldom produced septicaemia.

Chakhava - Moscow

STARIKOV, G.M., dotsent, otv.red.; YUDENICH, V.A., prof., red.; OGLOBLIN,
A.A., prof., zasluzhennyy deyatel' nauki, red.; PTRYATEVA, A.T.,
prof., zasluzhennyy deyatel' nauki, red.; ANISIMOVA-ALEKSANDROVA,
V.V., dotsent, red.; MARGOLIN, G.S., prof., red.; KARTAVENKO, A.N.,
prof., red.; KISELEV, M.S., tekhn.red.

[Forty years of the Smolensk State Medical Institute, 1920-1960]
40 let Smolenskому го́сударственному медицинскому институ́ту,
1920-1960 гг. Ред.коллегия: Г.М.Стариков и др. Смоленск, Изд-во
Смоленского го́сп.медиц.ин-та, 1960. 189 п. (MIRA 13:7)

1. Russia (1917- R.S.F.S.R.) Ministerstvo zdravookhraneniya.
(SMOLENSK--MEDICINE--STUDY AND TEACHING)

PETRYAYEVA, A.T.; YUDENICH, V.A.

Comparative data for the study of streptococcal and tuberculous
allergy in rheumatic fever. Vop. okh. mat. i det. 6 no.5:24-26
(MIRA 14:10)
My '61.

1. Iz kafedry detekikh bolezney i mikrobiologii Smolenskogo meditsinskogo instituta.
(RHEUMATIC FEVER) (EGG VACCINATION) (STREPTOCOCCUS)
(ALLERGY)

TKACHENKO, Anatoliy Dmitriyevich; YUDENICH, Vladimir Petrovich;
GURIN, V.D., red.; CHOTIYEV, S., tekhn.red.

[Poultry raising is a highly profitable business] Ptitsen-
vodstvo - vysokodokhodnaia otrasm'. Frunze, Kirgizskoe
(MIRA 17:2)
gos. izd-vo, 1962. 58 p.

KONSTANTINOV, Aleksandr Georgiyevich, inzh.-mekhanizator; YUDENICH,
V.P., red.; CHOTIYEV, S., tekhn. red.

[Performance of tractor driven machinery at increased
speeds] Rabota traktornykh agregatov na povyshennykh sko-
rostiakh. Frunze, Kirgizgosizdat, 1963. 51 p.
(MIRA 17:2)

MAKHNOVSKIY, Ivan Konstantinovich; ROMANENKO, Klavdiya Yevstaf'yevna;
CHEBOTAREV, Ivan Nikolayevich; YUDENICH, V.P., red.;
KOMEROVA, V.I., tekim. red.

[Nut and fruit forests and their protection against pests
in Kirghizistan] Orehovo-plodovye lesa Kirgizii i okhrana
ikh ot vreditelei. Frunze, Kirgizskoe gos.izd-vo, 1963. 67 p.
(MIRA 17:3)

YUDENICH, Vladimir Petrovich; TOKARCHUK, Leonid Zakharovich;
KHLYPENKO, Zh.N., red.

[A deserved fame; achievements of the N.I.Popkova communist labor brigade in the Frunze Bread Combine] Zasluzhennaia slava; dostizheniia brigady kommunisticheskogo truda N.I.Popovoi na Frunzenskom khlebokombinat. Frunze, Sovet narodnogo khozaiistva Kirgizskoi SSR, [n.d.] 10 p.
(MIRA 17:5)

YUDENICH, V.V., kand.med.nauk.

Mediastinal angioma. Khirurgiia no.10:148 '64.

(MIRA 18:8)

YUDENICH, V.V.

Closure of the diaphragmatic defect in surgery of a parasternal hernia. Grud. khir. 6 no.1:113-114 Ja-F '64. (MIRA 18:11)

3-58-7-20/36

AUTHOR: Yudenich, V.V., Candidate of Technical Sciences

TITLE: More of Good School Equipment (Bol'she khoroshego uchebnogo oborudovaniya)

PERIODICAL: Vestnik vysshey shkoly, 1958, Nr 7, pp 64-65 (USSR)

ABSTRACT: At the end of March 1958, an All-Union conference on basic problems of theory of machines and mechanics was convened in Moscow. Teachers of Chairs of the Moscow vtuzes took part. They visited the exposition of school and laboratory equipment and listened to the lecture by the Doctor of Technical Sciences S.I. Artobolevskiy and the author who is the head of the Spetsial'noye konstruktorskoye byuro (Special Construction Office - SKB). Professor V.A. Yudin (Moskovskiy institut khimicheskogo mashinostroyeniya - The Moscow Institute of Chemical Machine Building); Professor N.I. Kolchin (The Leningrad Polytechnical Institute); Head of the Chair of TMM L. Ye. Efros (The Tashkent Textile Institute); Dotsent L.P. Riftin (Leningradskiy institut tochnoy mehaniki i optiki - The Leningrad Institute of Precision Mechanics and Optics); Professor A.A. Pyatnitskiy (The Novocherkassk Polytechnical Institute) - all proposed further development of the series

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3-58-7-20/36

- More of Good School Equipment

of mechanisms built by the SKB. Professor L.N. Reshetov (The Moscow Higher Technical School), Dotsent V.F. Golovkin (Riga) and Senior Teacher P.G. Bondarev reported on the necessity of preparing films on the working of machines and mechanisms for demonstration to students. Many of the participants objected to the high costs of posters for institutes. Professor M.S. Movnin (Leningradskaya lesotekhnicheskaya akademiya - The Leningrad Academy of Forest Engineering), Dotsent S.I. Shubovich (The Tomsk Polytechnical Institute) stressed the necessity of an exchange of information on equipment built in vuzes.

ASSOCIATION: Spetsial'noye konstruktorskoye byuro Ministerstva vysshego obrazovaniya SSSR (Special Construction Office of the Ministry of Higher Education of the USSR)

Card 2/2

YUDENICH, V.V., kand.tekhn.nauk

Development of teaching and scientific laboratory equipment
for institutions of higher education by a special design
bureau at the Ministry of Higher Education of the U.S.S.R. Izv.
vys.ucheb.zav.;tekh.leg.prom. no.1:151-155 '59.

(MIRA 12:6)

1. Spetsial'noye konstruktorskoye byuro Ministerstva vyschego
obrazovaniya SSSR.
(Labsoratories--Equipment and supplies)

YUDENICH, V. V., Cand Med Sci -- (diss) "Circular formations in the lung. (Clinical aspect, diagnostics, and treatment)." Smolensk, 1960. 20 pp; 1 page of tables: (Ministry of Public Health RSFSR, Smolensk State Medical Inst); 200 copies; price not given; (KL, 52-60, 123)

YUDENICH, V.V.

Round lesions in the lungs. Vest. khir. 85 no. 7:22-27 Je '60.
(MIRA 14:1)
(LUNGS—RADIOGRAPHY)

TUDENICH, V. V.; MIKHAYLOV, P. M.

Two cases of leiomyoma of the esophagus. Grud. khir. 4 no. 3:114
(MIRA 15:7)

My-Je '62.

(ESOPHAGUS—TUMORS)

BARSOV, G.A., kand. tekhn. nauk, dots.; BEZNEGOVA, L.V., kand. tekhn. nauk, ispolnyayushchiy obyazannosti dots.; GRODZENSKAYA, L.S., kand. tekhn. nauk; ZHELIGOVSKIY, A.V., kand. tekhn. nauk, dots.; KUL'BACHNYY, O.I., kand. tekhn. nauk, ispolnyayushchiy obyazannosti dots.; PANTELEYEV, S.I., kand. tekhn. nauk, dots.; SHEKHVITS, E.I., kand. tekhn. nauk, dots.; YUDENICH, V.V., kand. tekhn. nauk, dots.; NIKOLAYEVA, T.G., red.; GOROKHOVA, S.S., tekhn. red.

[Theory of flat mechanisms and the dynamics of machinery]
Teoriia ploskikh mekhanizmov i dinamika mashin. [By] G.A. Barsov i dr. Moskva, Gos. izd-vo "Vysshiaia shkola," 1961. 336 p. (MIRA 15:2)

(Mechanical movements) (Mechanical engineering)

YUDENICH, Yelena Nikolayevna [Yudenich, O.M.]; DIBROVI, O.T. [Dibrov, O.T.], kand. geogr. nauk, red.; KARA-MOSKO, A.S., red.; VOLKOVA, N.K., tekhn. red.

[Along the Ukrainian rivers] Po rishkakh Ukrayiny. 2., perer. ta dop. vyd. Za red. O.T. Dibrov. Kyiv, Verzh, uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1958. 372 p. (MIRA 15:12) (Ukraine—Rivers) (Ukraine—Description and travel)

YUDENKO, An., kand. 1st.nauk

Revisionism is the main danger in the labor movement ("Basic traits of contemporary revisionism" by A. Butenko. Reviewed by A. YuDenko). Sov. profsoiuzy 7 no.22:59-61 N '59.
(MIRA 12:12)

(Communism)

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R001963030008-1

STREL'NIKOV, V. (Chelyabinsk); YUDENKO, V. (Yelets); TUGANOV, A. (Ufa);
UTOCHKIN, M. (Lyubertsy)

Answering readers' letters. Sov.foto 20 no.8:21 Ag '60.
(MIRA 13:8)

(Photography)

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R001963030008-1"

YUDENKOV, I.

107-58-5-28/32

AUTHOR:

Tsalyuk, M., Yudenkov, I.

TITLE:

Ultrasonic Soldering Device (Ul'trazvukovoy payal'nik)

PERIODICAL:

Radio, 1958, Nr 5, pp 54 - 55 (USSR)

ABSTRACT: The ultrasonic laboratory of the Kiyevskiy Ges-2 (Kiyev Ges-2) designed an ultrasonic device for soldering parts of aluminum and its alloys with soft soldering materials. The application of a new excitation system permitted a considerable simplification of the generator and the design of the soldering device as a whole, as compared to other similar instruments. The basic part of the device, the magnetostriction vibrator, is shown in figures 2 and 3. It consists of a converter, a connector and a copper rod. The vibrator has a resonance frequency of 20 kilocycles and over its length, three standing half-waves can be spread. Figure 5 shows the resonance curve of the vibrator. The automatic trimming of the generator is effected without electromechanical converters, which simplified considerably the design of the generator and increased its reliability. Figure 6 shows the circuit diagram of the generator. It consists of a push-pull amplifier with two "6P3S" tubes. The coil of the magnetostriction vibrator serves as load of the

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Ultrasonic Soldering Device

107-58-5-28/32

generator. The generator is enclosed in a housing of 210 x 110 x 60 mm, mounted in a metal box of 330 x 230 x 110 mm which also contains a tinning tank and storage room for the vibrator. The total weight of the instrument is 4.8 kg. There are six figures.

AVAILABLE: Library of Congress

Card 2/2

MAKHNEV, V.S.; YUDENKOV, L.V.

Geology and hydrogeology of the Vysokaya Mountain deposit and work on
draining it. Gor. zhur no.4:9-12 Ap '63. (MIRA 16:4)
(Sverdlovsk Province--Mining geology)
(Sverdlovsk Province--Mines drainage)

YUDENKOV, N.F., mayor med. sluzhby.

Intra-arterial infusion of penicillin and novocaine in the treatment
of suppurative inflammations and open wounds. Voen.-med. zhur. no.1:77-79
Ja '59. (MIRA 12:3)

(WOUNDS AND INJURIES, ther.

open trauma, penicillin & procaine, intra-arterial
admin. (Rus))

(INFLAMMATION, ther.
suppurative, penicillin & procaine, intra-arterial admin.

(Rus))

(PENICILLIN, ther. use
open trauma & suppurative inflam., intra-arterial admin.,
with procaine (Rus))

(PROCAINE, ther. use
open trauma & suppurative inflam., intra-arterial admin.
with penicillin)

YUDENKOV, U. U.

Klub Kolkhoznou Brigady [Collective Farm Brigade Club, by U. U. Yudenkov u. U. Ye Shropp.
Moskva, Goskul "Prosvetizdat", 1954. - 22 p.

N/5
722.101
.Y9

MURAV'IEV, V.I.; SHTELE, G.Ya.; YUDENKOV, V.I.; POGREBETSKIY, M.D.

Book about the economics of construction. Transp. stroi. 14 no.7:57-59
(MIRA 18:1)
J1 '64.

1. Predsedatel' sektsii ekonomiki Tekhnicheskogo sovetu Gosudarstvennogo
proizvodstvennogo komiteta po transportnomu stroitel'stu SSSR (for
Murav'ev). 2. Nachal'nik planovogo otdela Mostostroya No.1 (for
Yudenkov).

S/0080/64/037/003/0700/0704

ACCESSION NR; AP4024772

AUTHOR: Maytak, G. P.; Ishchenko, N. A.; Yudenkova, I. N.

TITLE: Electrolytes for electro-chemical polishing of steel.

Source: Zhurnal prikladnoy khimii, v. 37, no. 3, 1964, 760-764

TOPIC TAGS: Electrolyte, electro-chemical polishing, high carbon steel, sulfuric acid, phosphoric acid, corrosion inhibitor, unikol PB-5

ABSTRACT: A study was made of the conditions of anodic electro-chemical polishing of high carbon steel in electrolytes made up of mixtures of sulfuric and phosphoric acid in various proportions of the corrosion inhibitor "unikol PB-5" in amounts 0.5, 2.5, 5.0 and 10.0% (by volume of acid mixture volume), at 18-25 C. At the highest current density (100 amps/sq. decimeter) used, the electro-chemical polishing without addition of inhibitor is noted only in concentrated acid mixtures (10% of H_2O), rich in phosphoric acid (80, 70%). A low surface quality is obtained.

The introduction of a small addition of inhibitor intensely broadens the composition of acid mixtures in which the electro-polishing is observed, decreases the current densities that are needed for best electro-polishing, and improves its

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ACCESSION NR: AP4024772

quality. The optimum amount of addition of inhibitor is 2.5 to 5.0% by volume of acid mixture volume. Steel is not electro-polished in electrolytes with an inhibitor composed only of sulfuric acid (without phosphorus) or rich in sulfuric acid (more than 50-60%). It is polished in electrolytes made only of phosphoric acid with inhibitor, but to a poorer extent and with higher current densities in the case of electrolytes made of acid mixtures rich in phosphoric acid and addition of inhibitor. In electrolytes with 2.5 to 5.0% of inhibitor, the steel is electro-polished with a composition of acid mixtures which vary in wide limits (weight, %): H₂ from 10 to 20, H₃PO₄, from 90 to 30, H₂SO₄ correspondingly from 0 to 60 (with H₂O, 10) and H₃PO₄, from 80 to 30, H₂SO₄ correspondingly from 0 to 50 (with H₂O, 20). The best electro-chemical polishing of high carbon steel is observed in electrolytes made from acid mixtures of the following composition (weight, %): H₂O, 10; H₃PO₄, 70 to 50; H₂SO₄ correspondingly from 20 to 40 and additions of inhibitor "unikol PB-5" from 2.5 to 5.0% (by volume of acid mixture volume), at an anode current density from 25 to 100 A/sq. decimeter depending on electrolyte composition. The life of electrolytes with inhibitor "unikol PB-5"

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ACCESSION NR AP4024772

is much longer than observed in the sulfur-phosphorous-chromium electrolytes, but simple reactivation recovers them. Orig. art. has: 1 table

ASSOCIATION: (Institut obshchey i neorganicheskoy khimii AN UkrSSR (Institute of General and Inorganic Chemistry, Academy of Sciences, AN UkrSSR)

SUBMITTED: 29Jun62 DATE ACQ: 16Apr64 EGCL: 00

SUB CODE: 02, 11 NO. EFT. Sov: 004 CHERE: 000

Card 3/3

L 39776-66 EMT(m)/EMP(t)/RTI IJP(c) W/JD/CD-2/JG
ACC NR: AT6012689

SOURCE CODE: UR/3136/65/000/977/0001/0016

AUTHOR: Ishmayev, S. N.; Mostovoy, V. I.; Nozik, V. Z.; Sadikov, I. P.; Chernyshov, A. A.; Yudevich, M. S.

ORG: State Committee on the Use of Atomic Energy SSSR, Institute of Atomic Energy im. I. V. Kurchatov, Moscow (Gosudarstvennyy komitet po ispol'zovaniyu atomnoy energii SSSR, Institut atomnoy energii)

TITLE: Study of nonstationary neutron spectra in zirconium hydride 19

SOURCE: Moscow. Institut atomnoy energii. Doklady, no. 977, 1965. Izuchenie nestatsionarnykh spektrov neytronov v gidride tsirkoniya, 1-16

TOPIC TAGS: neutron spectrum, zirconium compound, hydride, nuclear reactor moderator, scattering cross section

ABSTRACT: This is a continuation of earlier work (Report at the Symposium on Investigations with Pulsed Neutron Sources, Karlsruhe, 1965) dealing with the non-stationary spectra of ZrH_1 systems of different dimensions in a wide range of moderation times. In the present paper the experimental results are compared with calculations based on the use of double-differential cross sections calculated from the spectrum of the normal oscillations of the hydrogen atoms in a zirconium

Card 1/2

L 39776-66
ACC NR: AT6012689

lattice with different ratios of the acoustic and optical branches. The time-dependent neutron spectra were measured with an experimental setup described by the authors earlier (Paper P/367 at the 1964 Geneva Conference; Paper at the 1965 Karlsruhe Symposium), with a moderation-time resolution of 3.5 μ sec. The average neutron energy in the investigated moderation-time range ($T > 30 \mu$ sec) turns out to be lower than the energy of the first optical level of the zirconium hydride (0.13 ev), so that the energy exchange between the neutron gas and the medium is due essentially to excitation of the acoustic vibrations of the $ZrH_{1.88}$ lattice. The time necessary to establish the equilibrium spectrum is of the order of 400 μ sec in a "large" system ($30 \times 28 \times 25$ cm, $B^2 = 3.8 \times 10^{-2} \text{ cm}^{-2}$). In a "small" system ($25 \times 25 \times 7$ cm, $B^2 = 0.2 \text{ cm}^{-2}$) strong diffusion cooling is observed, and the time necessary to establish the equilibrium energy distribution increases with decreasing system dimensions. The nonstationary neutron spectra were calculated in the P-1 approximation using a computer program described by L. V. Mayorov et al. (Paper P/360 at the Third Geneva Conference, 1964). The agreement between the calculations and the experiment is satisfactory. The best agreement between the measured and calculated spectra is obtained if it is assumed that the amplitudes of the acoustic and optical vibrations in $ZrH_{1.88}$ have a ratio 1/360. Orig. art. has: 3 figures, 2 formulas, and 2 tables.

SUB CODE: 18/ SURM DATE: 00/ ORIG REF: 002/ OTH REF: 009
Card 2/2 MLP

TROTS, Nинel' Danilovich; YUDEYEV, Aleksandr Vasil'yevich,
nauchn. red.

[Ventilation installation in industrial construction;
tinning and fitting operations] Ustroistvo ventiliatsii
v promyshlennom stroitel'stve; zhestianitskie i slesar-
nye raboty. Moskva, Stroizdat, 1965. 157 p.
(MIRA 18:3)

YUDICH, M.Z.

PA - 2821

AUTHOR FEL'DMAN L.D., YUDICH M.Z.
TITLE On Television Spiral Development. (O televizionnoy spiral'noy
razv'stke.- Russian.)
PERIODICAL Radiotekhnika 1957, Vol 12, Nr 3, pp 25 - 30 (U.S.S.R.)
Received: 5/1957 Reviewed: 6/1957
ABSTRACT Five different spiral developments are described. Some are
used by the French firm "Laboratoire Derveaux", two of them
are suggested here for the first time. The task to be performed
is a distinct reproduction of the central part of the picture.
In the developments described here signe curves of 17,15 kHz
are used. This number has been chosen with respect to the
division 7:7:7 and in order to secure a maximum distinctness.
Experimental and theoretical investigations lead to the con-
clusion that spiral development will be used in television
apparatus. New specific possibilities for the application of
this method are pointed out:
1.) Reproduction of pictures of rotating objects. If the
picture of the rotating object is transmitted and the rotor
of the phase shifter in the reception part is allowed to run at

CARD 1/2

On Television Spiral Development.

PA - 2821

the same angular velocity in the opposite direction, the picture on the screen appears to be motionless. This property will allow the system to be used in rockets and space ships.

2.) Velocity measurement. In a radio connection between two objects, of which one is moves at a sufficiently high velocity (e.g. rockets) a frequency modification in the filling up of the saw-toothgaps (of the modulating oscillations) in consequence of the Doppler effect is observed, provided that the developing signal is switched into the transmission of the latter. This corresponds to a rotation of the picture at the point of reception. The velocity can be judged by the angle of rotation. (With 8 illustrations and 2 citations from Slav publications.)

ASSOCIATION: not given.

PRESENTED BY: -

SUBMITTED: 11. 1. 1956.

AVAILABLE: Library of Congress.

CARD 2/2

YUDICHEV, G.A.

Valuable beginning made by Bryansk Province Communist Youth League
members. Sel'stroi. 10 no.2:7-9 F '55. (MIRA 8:4)

1. Sekretar' Bryanskogo obkoma VIKSM.
(Bryansk Province--Farm building)

KHARIN, A.I., kand.tekhn.nauk; YUDICHEV, V.V., inzh.

Studies of the use of vibration for underwater working of soil
with suction dredges. Sbor.trud.VNIINerud no.1:108-117 '62.
(MIRA 15:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut nerudnykh
stroitel'nykh materialov i gidromekhanizatsii.
(Dredging machinery) (Vibrators)

KHARIN, A.I., kand.tekhn.nauk; RAZDOL'NYY, V.A., inzh.; YUDICHEV, V.V., inzh.

Laboratory studies of the process of earth working with various types of
earth-intake devices. Sbbr. trud. VNIImerud no.2:3-19 '62.
(MIRA 16:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut nerudnykh stroitel'-
nykh materialov i gidromekhanizatsii.
(Dredging machinery—Testing)

KHARIN, A.I., kand. tekhn. nauk; YUDICHEV, V.V., inzh.

Using vibration to work up the ground by suction dredges. Mekh.
(MIR 16:10)
str.1. 20 no.9:9-12 S '63.

(Dredging machinery)

YUDICHEV, Yu. F.: Master Biol Sci (diss) -- "The nerves of the muscles of the thoracic extremities of domestic animals". Kazan', 1958. 21 pp (Min Agric USSR, Kazan' State Vet Inst im N. E. Bauman), 200 copies (KL, No 9, 1959, 114)

YUDICHEV, Yu.F., docent

Morphologic characteristics of pronator teres in animals with different functions of the thoracic limbs. Uch.zap. KVI 85: 74-88'62. (MIRA 16:7)

1. Iz kafedry anatomii (zav.-prof. Vasnetsov [deceased]) Kazanskogo veterinarnogo instituta.
(MUSCLES) (EXTREMITIES (ANATOMY)) (VETERINARY ANATOMY)

VASNETSOV, N.A., prof. [deceased]; YUDICHEV, Yu.F., assistant.

Professor L.A. Tret'jakov, organizer of the Kazan school for veterinary anatomists. Uch.zap. KVI 85:185-194'62. (MIRA 16:7)

1. Iz kafedry anatomii zhivotnykh (zav.-prof. N.A. Vasnetsov [deceased]) Kazanskogo veterinarnogo instituta.
(TRET'IAKOV, LEONID APOLLONOVICH, 1856-1922)
(KAZAN-VETERINARY COLLEGES)

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